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A STRONG PARTNERSHIP

three regional agencies collaborating for the development of a Livable Miami-Dade

as the corridor is developed further, additional project partners and stakeholders will be identified and added to the corridor development team, including relevant government agencies, institutional investors, infrastructure developers, technology companies and service providers.

Hyperloop Miami Corridor

Miami-Dade Segment
10-mile corridor from the
Miami Intermodal Center
(MIC) to the Dolphin Mall in
the west.

Miami to Orlando Segment

The alignment will move north along the rural areas of South Florida to the Orlando/Disney World area, connecting South Florida to the Greater Orlando area by a 30-minute ride.

Actual travel time by car is 4 hours

Walt Disney World Orlando International ORLANDO SpaceX Port Canaveral ampa International Port Tampa Port Manatee Ft. Lauderdale Hollywood International Legend Phase 1 - Miami to Orlando Port MIAMI Port Miam Population Per Squale Mile 10,001 to 25,000 Miami Internationa 1,001 to 10,000 101 to 1.000 people 100 or less people KEY No population WEST

Network Map

- The corridor follows an existing right-of-way from the MIC to the west along SR 836 and US Highway 27 – a major arterial road connecting Miami with counties to the north and west of Lake Okeechobee to connect further to Orlando.
- In the Orlando area, the route would likely remain close to the principal transportation arteries of I-4 to the front door of Walt Disney World and then following SR 417 which provides a direct connection to Orlando International Airport (MCO).
- Miami/Orlando corridor attracts more than 80
 million annual visitors from the North, the
 Midwest and the South and the rest of the world.





Chicago O'Hare International CHICAGO INDIANAPOLIS Indianapolis Internationa CINCINNATI Greater Cincinnati International Louisville International LOUISVILLE NASHVILLE Nashville Internationa Hartsfield-Jackson Atlanta International ATLANTA Port of Charlestor Port of Savannah Jacksonville International Jacksonville Port Legend Phase 1 - Miami Walt Disney World Orlando International ORLANDO SpaceX Tampa International Port Canaveral Port Tampa Ft. Lauderdale/ Port Manatee Hollywood International Port Everglades MIAMI Port Miami Miami Internationa KEY WEST

Overview

The initial segment is a 240-mile Hyperloop segment connecting Miami with Orlando, Florida with potential extension to the North, South, West and East.

Phased Approach

The corridor is envisioned to be developed in multiple phases:

Phase 1: Miami to Orlando, 240 mi.

Phase 2: Orlando to Atlanta, 420 mi

Phase 3: Atlanta to Chicago, 780 mi.





Florida

- Nation's 3rd largest population
- 2015 population: 20 million
- 2040 population projection: 29 million (91% of additional population from other states)
- 2015 out-of-state visitors: 105 million
- 2025 projection for out-of-state visitors: over 159 million





Busiest U.S. Airports by Number of Enplanements in 2015:

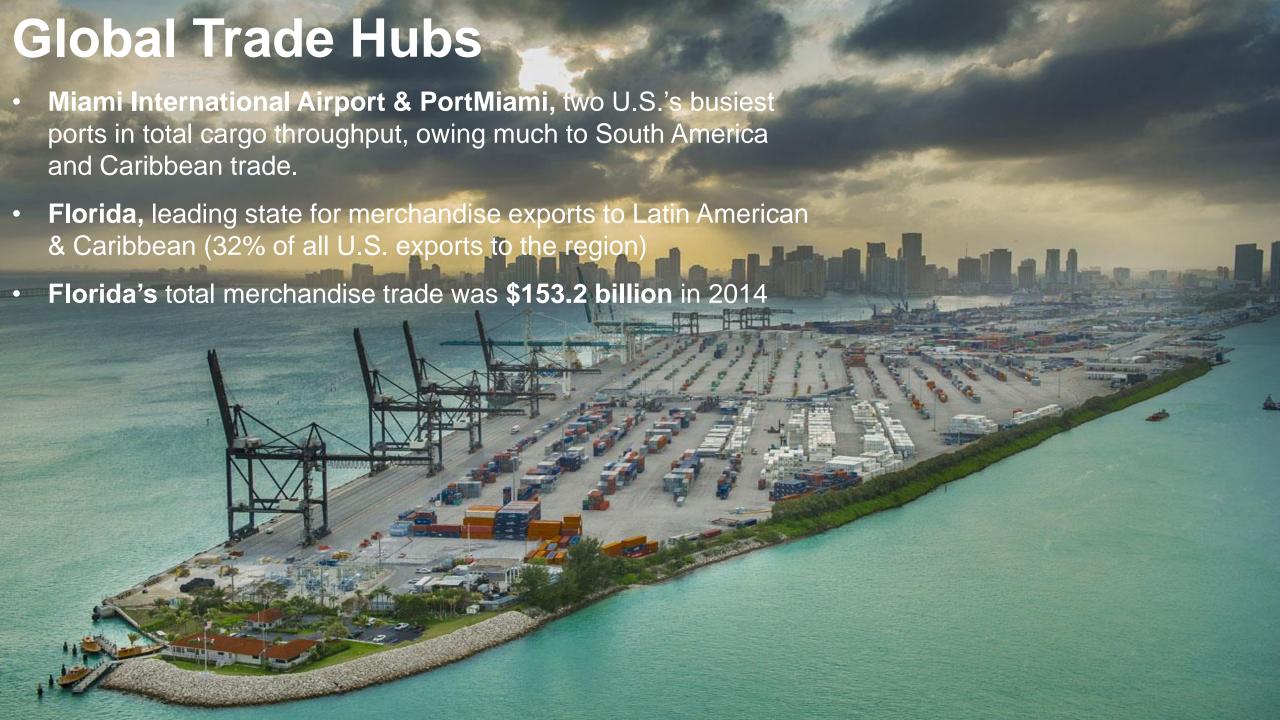
South Florida

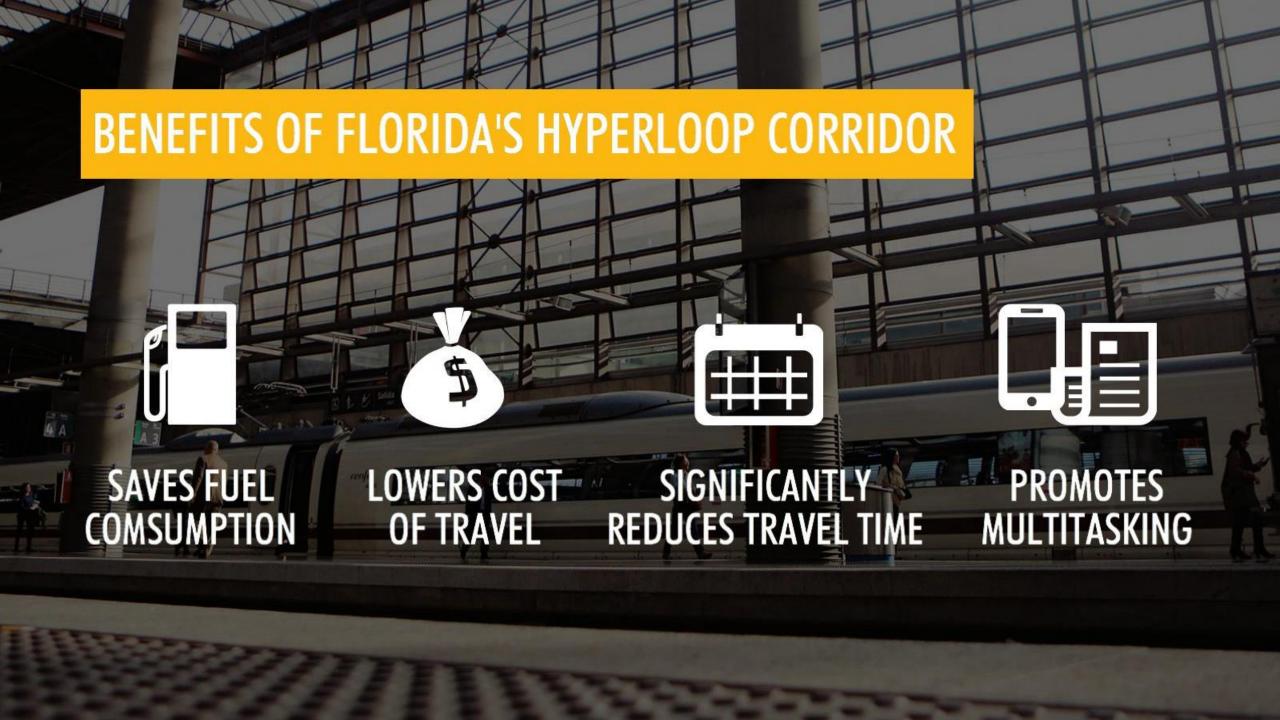
- Miami International Airport (MIA): 22 million (ranked 11th) and 2nd most international passengers with 10.5 million incoming passengers.
- Fort Lauderdale-Hollywood International Airport (FLL), Broward County: 13 million (ranked 21st)

Orlando

- Orlando International Airport (MCO): 18.8 million (ranked 14th)
- MCO had the largest increase (18.3%) in international passengers from 2014 to 2015.
- Flights between MIA and MCO soar over 980,000 a vear









Expanding the possibilities for better education, jobs, healthcare, and quality of life.

Education

Students traveling to school and back among the various universities throughout Florida

Healthcare

Patients travelling to medical centers throughout Florida

Expanding the possibilities for better education, jobs, healthcare, and quality of life.

Commuting

People commuting from their homes to their jobs in less than an hour, instead or three or four

Other Benefits

Shipping fresh fruit grown in central Florida the same day for delivery in Coral Gables









Capturing New Development Value

South Florida is home to urban sprawl in a significant way. Tax increment financing is a tool that can shape land use policy in a more egalitarian and sustainable fashion. Hyperloop can help structure future land use policies to adapt to a less auto-centric model.

In particular, the proposed Hyperloop will shift development along the US 27 Corridor. US 27 is a largely undeveloped corridor with potential for diagonally shifting transportation activity away from the heavily populated areas closer to the coast, where

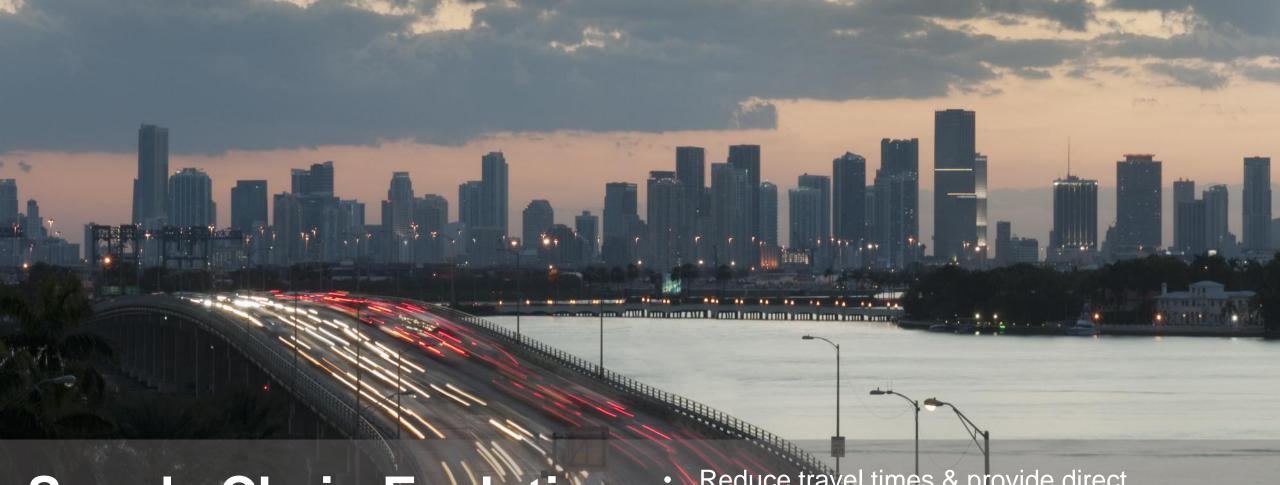


Just-in Time Deliveries

With shortened deliveries made within a region to region basis, the overall travel patterns and truck distribution rates will alter dramatically.

The capability of creating major nodes that local deliveries converge upon to send their deliveries to their destinations via Hyperloop. The need for long distance truck travel should be significantly reduced for high value cargo.

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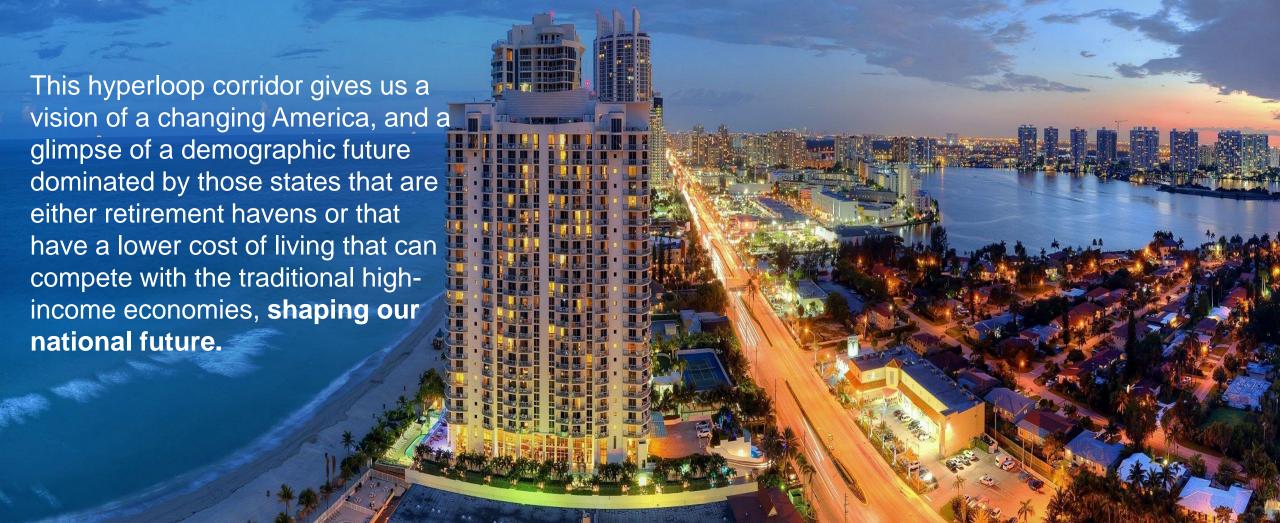
Supply Chain Evolution

An opportunity to streamline and transform the supply chain for major industrial and commercial end-users.

- Reduce travel times & provide direct connections
- Reduce transfer times, minimizing dwell times and making the overall process cheaper and more efficient.
- Reduce chronic congestion
- Repurpose land uses

When Hyperloop Builds Powerhouse Economies

This corridor has the potential to transform two of the **nation's most visited cities**, Miami & Orlando, into one **mega-city**, connecting with major economic engines, **Atlanta and Chicago**. Incremental change in economic potential.







Need for Hyperloop Corridor

- Population migration and increasing job trend
 - Florida is the 3rd most populous state with the largest population of older adults
 - Florida has the fastest population growth
 - Southeast Florida is the 4th most populous urbanized region in the U.S.
- Severe traffic congestion
 - Miami is the 6th most congested metro area in the U.S.

- Long travel times
- Top tourism attractions
 - Orlando is the most visited city in the U.S.
 - Greater Miami Area is the home to the world's largest cruise port and the travel gateway to Latin America

Government & Stakeholders

Miami-Orlando Segment South Florida Hyperloop Authority

- Establishment of an authority comprised of all the key regulatory and oversight agencies along the corridor in the state of Florida.
- The Authority will undertake all of the necessary regulatory approvals and legislative undertakings necessary to develop the Hyperloop project throughout Florida
 - Examples: Florida High Speed Rail Authority

Orlando-Atlanta-Chicago Regional Partnerships

- Regional coalition comprised of different states along the corridor.
- The Coalition will bring to the table the key decision makers that have or will influence the operation of the Hyperloop corridor (DOTs, transportation authorities, transit and rail agencies, etc.)
 - Examples: I-95 Corridor Coalition,
 I-75 Mid-America Freight Coalition

Potential Investors Public and Private Partners

- Potential investors will form part of the Regional Coalition.
- Provide funding for the construction and eventual operation and maintenance of the Hyperloop system.

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Known Topographical or Geological Challenges Along the Corridor

- Planning and providing a resilient design for sea level rise impacts and hurricanes
- Weak ground conditions and high water table in Florida make tunneling impractical
- Environmentally protected Everglades National Park will need to be treated in a sensitive manner to protect this invaluable natural resource
- Traversing through heavily populated areas in and around Miami and Orlando where land is at a premium, and community impacts need to be anticipated

Implementation Strategy

- Infrastructure Investment: the corridor passes through several cities, MPOs, DOTs and states; therefore a multiagency integrated approach will need to be developed along with various federal agencies to structure, fund, permit and regulate the project's development
 - MPO's Cost-Feasible Long Range Transportation Plan (LRTP)
 - Public-Private Partnerships
 - Federal and State funding
- Risk Mitigation: environmental clearance and preliminary engineering phases will completed to reduce risk for major transportation infrastructure projects

